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Inverse Algorithm for Tsunami Forecasts. —Yong Wei, Kwok Fai Cheung, George D. Curtis, and Charles S. McCreery; 129(2), 60-9 (2003).

Cox, Daniel T.
Statistical Modeling of Overtopping for Extreme Waves on Fixed Deck. — Nobuhito Mori and Daniel T. Cox; 129(4), 165-73 (2003).

Curtis, George D.
Inverse Algorithm for Tsunami Forecasts. — Yong Wei, Kwok Fai Cheung, George D. Curtis, and Charles S. McCreery; 129(2), 60-9 (2003).

Dalrymple, Robert A.
Wave Simulations in Ponce de Leon Inlet Using Boussinesq Model. — Fengyan Shi, James T. Kirby, Robert A. Dalrymple, and Qin Chen; 129(3), 124-35 (2003).

Dekker, M. A.
Experimental and Numerical Investigation of Cutter Head Dredging Flows. — M. A. Dekker, N. P. Kruyt, M. den Burger, and W. J. Vlasblom; 129(5), 203-9 (2003).

Demirbilek, Zeki
Editor's Note. — Zeki Demirbilek; 129(3), 103 (2003).
Review of *River Mechanics* by Pierre Y. Julien. — Zeki Demirbilek; 129(5), 241 (2003).

den Burger, M.
Experimental and Numerical Investigation of Cutter Head Dredging Flows. —M. A. Dekker, N. P. Kruyt, M. den Burger, and W. J. Vlasblom; 129(5), 203-9 (2003).

de Waal, J. C. M.
Behavior of a Moored LNG Ship in Swell Waves. —W. van der Molen, H. Ligteringen, J. C. van der Lem, and J. C. M. de Waal; 129(1), 15-21 (2003).

Easson, William J.
Comparison of Laboratory and Theoretical Internal Solitary Wave Kinematics. —Sharon A. Walker, Alastair J. Martin, William J. Easson, and W. Alan B. Evans; 129(5), 210-8 (2003).

Ebersole, Bruce A.
Beach-Profile Evolution under Spilling and Plunging Breakers. —Ping Wang, Bruce A. Ebersole, and Ernest R. Smith; 129(1), 41-6 (2003).

Español, L.
Portable Meter System for Dry Weight Control in Dredging Hoppers. —Juan J. Muñoz-Perez, José M. Gutiérrez-Mas, J. Moreno, L. Español, L. Moreno, and A. Bernabeu; 129(2), 79-85 (2003).

Evans, W. Alan B.
Comparison of Laboratory and Theoretical Internal Solitary Wave Kinematics. —Sharon A. Walker, Alastair J. Martin, William J. Easson, and W. Alan B. Evans; 129(5), 210-8 (2003).

Ewing, Lesley C.
Trends in United States Tidal Datum Statistics and Tide Range. —Reinhard E. Flick, Joseph F. Murray, and Lesley C. Ewing; 129(4), 155-64 (2003).

Fisher, John S.
Vulnerability Indicators for Coastal Dunes. — Elizabeth K. Judge, Margery F. Overton, and John S. Fisher; 129(6), 270-8 (2003).

Flick, Reinhard E.
Trends in United States Tidal Datum Statistics and Tide Range. — Reinhard E. Flick, Joseph F. Murray, and Lesley C. Ewing; 129(4), 155-64 (2003).

Foda, Mostafa A.
Role of Wave Pressure in Bedload Sediment Transport. — Mostafa A. Foda; 129(6), 243-9 (2003).

Girolamo, Paolo De
Closure to "Treatment of Wave Breaking and Total Absorption in a Mild-Slope Equation FEM Model" by Gian Mario Beltrami, Giorgio Bellotti, Paolo De Girolamo, and Paolo Sammarco. — Gian Mario Beltrami, Giorgio Bellotti, Paolo De Girolamo, and Paolo Sammarco; 129(5), 239-40 (2003).

Goda, Yoshimi
Revisiting Wilson's Formulas for Simplified Wind-Wave Prediction. —Yoshimi Goda; 129(2), 93-5 (2003).
Review of *Coastal Processes with Engineering Applications* by Robert G. Dean and Robert A. Dalrymple. — Yoshimi Goda; 129(2), 96-7 (2003).

Gutiérrez-Mas, José M.
Portable Meter System for Dry Weight Control in Dredging Hoppers. —Juan J. Muñoz-Perez, José M. Gutiérrez-Mas, J. Moreno, L. Español, L. Moreno, and A. Bernabeu; 129(2), 79-85 (2003).

Hardy, Thomas A.
Modeling Tropical Cyclone Wave Population of the Great Barrier Reef. —Thomas A. Hardy, Jason D. McConochie, and Luciano B. Mason; 129(3), 104-13 (2003).

Houston, James R.
Review of *Saving America's Beaches: The Causes and Solutions to Beach Erosion* (Advanced Series on Ocean Engineering—Volume 19) by Scott L. Douglass. —James R. Houston; 129(4), 192 (2003).

Hsu, Ming-Hsi
Modeling of Flow Resistance in Mangrove Swamp at Mouth of Tidal Keelung River, Taiwan. —Wen-Cheng Liu, Ming-Hsi Hsu, and Chi-Fang Wang; 129(2), 86-92 (2003).

Hsu, S. A.
Estimating Overwater Friction Velocity and Exponent of Power-Law Wind Profile from Gust Factor during Storms. —S. A. Hsu; 129(4), 174-7 (2003).

Hughes, Steven
Review of *The Mechanics of Scour in the Marine Environment* by B. Mutlu Sumer and Jørgen Fredsøe. — Steven Hughes; 129(6), 297-8 (2003).

Ishida, Hajime
Closure to "Simplified Solutions for Wave-Induced Response of Anisotropic Seabed" by Masatoshi Yuhi and Hajime Ishida. — Masatoshi Yuhi and Hajime Ishida; 129(3), 152-3 (2003).

Issa, N.
Fluid Motion Generated by Impact. — J. J. Monaghan, A. Kos, and N. Issa; 129(6), 250-9 (2003).

Jackson, Nancy L.
Longshore Sediment Transport Rates on a Microtidal Estuarine Beach. — Karl F. Nordstrom, Nancy L. Jackson, James R. Allen, and Douglas J. Sherman; 129(1), 1-4 (2003).

Jeng, D. S.
Discussion of "Simplified Solutions for Wave-Induced Response of Anisotropic Seabed" by Masatoshi Yuhi and Hajime Ishida. — D. S. Jeng; 129(3), 151-2 (2003).

Jiménez, José A.
A Simple Formula to Estimate Settling Velocity of Natural Sediments. —José A. Jiménez and Ole S. Madsen; 129(2), 70-8 (2003).

Judge, Elizabeth K.
Vulnerability Indicators for Coastal Dunes. —Elizabeth K. Judge, Margery F. Overton, and John S. Fisher; 129(6), 270-8 (2003).

Kaiser, Mark J.
Decommissioning Cost Functions in the Gulf of Mexico. — Mark J. Kaiser, Allan G. Pulsipher , and Robert C. Byrd; 129(6), 286-96 (2003).

Kirby, James T.
Wave Simulations in Ponce de Leon Inlet Using Boussinesq Model. —Fengyan Shi, James T. Kirby, Robert A. Dalrymple, and Qin Chen; 129(3), 124-35 (2003).

Kiremidjian, Anne S.
Ship Traffic Modeling Methodology for Ports. —Dimitris Pachakis and Anne S. Kiremidjian; 129(5), 193-202 (2003).

Kobayashi, Nobuhisa
Performance of Coastal Structures against Sequences of Hurricanes. —Nobuhisa Kobayashi, Beatriz Pozueta, and Jeffrey A. Melby; 129(5), 219-28 (2003).

Kos, A.
Fluid Motion Generated by Impact. —J. J. Monaghan, A. Kos, and N. Issa; 129(6), 250-9 (2003).

Kraus, Nicholas C.
Review of *Coastal Processes with Engineering Applications* by Robert G. Dean and Robert A. Dalrymple. — Nicholas C. Kraus; 129(2), 97-8 (2003).

Kruyt, N. P.
Experimental and Numerical Investigation of Cutter Head Dredging Flows. —M. A. Dekker, N. P. Kruyt, M. den Burger, and W. J. Vlasblom; 129(5), 203-9 (2003).

Lambert, Eloi
Tentative New Formula for Maximum Horizontal Wave Forces Acting on Perforated Caisson. — El-Hafid Tabet-Aoul and Eloi Lambert; 129(1), 34-40 (2003).
Errata for "Tentative New Formula for Maximum Horizontal Wave Forces Acting on Perforated Caisson" by El-Hafid Tabet-Aoul and Eloi Lambert. — El-Hafid Tabet-Aoul and Eloi Lambert; 129(2), 100-1 (2003).

Lamberti, Alberto
Armor Stone Abrasion due to Displacements in Sea Storms. — Giuseppe R. Tomasicchio, Alberto Lamberti, and Renata Archetti; 129(5), 229-32 (2003).

Li, Y. S.
Numerical Model for Wave Refraction-Diffraction near Pearl River Estuary, China. — Y. Chen, Onyx W. H. Wai, and Y. S. Li; 129(6), 260-9 (2003).

Li, Ying
Energy Balance Model for Breaking Solitary Wave Runup. — Ying Li and Fredric Raichlen; 129(2), 47-59 (2003).

Ligteringen, H.
Behavior of a Moored LNG Ship in Swell Waves. —W. van der Molen, H. Ligteringen, J. C. van der Lem, and J. C. M. de Waal; 129(1), 15-21 (2003).

Liu, Wen-Cheng
Modeling of Flow Resistance in Mangrove Swamp at Mouth of Tidal Keelung River, Taiwan. —Wen-Cheng Liu, Ming-Hsi Hsu, and Chi-Fang Wang; 129(2), 86-92 (2003).

Madsen, Ole S.
A Simple Formula to Estimate Settling Velocity of Natural Sediments. —José A. Jiménez and Ole S. Madsen; 129(2), 70-8 (2003).

Makris, Dimitrios
Simulation Analysis for Midterm Yard Planning in Container Terminal. —Sgouris P. Sgouridis, Dimitrios Makris, and Demos C. Angelides; 129(4), 178-87 (2003).

Martin, Alastair J.
Comparison of Laboratory and Theoretical Internal Solitary Wave Kinematics. —Sharon A. Walker, Alastair J. Martin, William J. Easson, and W. Alan B. Evans; 129(5), 210-8 (2003).

Martin, Francisco L.
Discussion of "Treatment of Wave Breaking and Total Absorption in a Mild-Slope Equation FEM Model" by Gian Mario Beltrami, Giorgio Bellotti, Paolo De Girolamo, and Paolo Sammarco. —Francisco L. Martin and Raul Medina; 129(5), 237-9 (2003).

Mason, Luciano B.
Modeling Tropical Cyclone Wave Population of the Great Barrier Reef. —Thomas A. Hardy, Jason D. McConochie, and Luciano B. Mason; 129(3), 104-13 (2003).

McCay, Deborah French
Three-Dimensional Modeling of Tidal Circulation in Bay of Fundy. —S. Sankaranarayanan and Deborah French McCay; 129(3), 114-23 (2003).

McConochie, Jason D.
Modeling Tropical Cyclone Wave Population of the Great Barrier Reef. — Thomas A. Hardy, Jason D. McConochie, and Luciano B. Mason; 129(3), 104-13 (2003).

McCreery, Charles S.
Inverse Algorithm for Tsunami Forecasts. — Yong Wei, Kwok Fai Cheung, George D. Curtis, and Charles S. McCreery; 129(2), 60-9 (2003).

McKee Smith, Jane
Review of *Coastal Processes with Engineering Applications* by Robert G. Dean and Robert A. Dalrymple. — Jane McKee Smith; 129(2), 98-9 (2003).

Medina, Raul
Discussion of "Treatment of Wave Breaking and Total Absorption in a Mild-Slope Equation FEM Model" by Gian Mario Beltrami, Giorgio Bellotti, Paolo De Girolamo, and Paolo Sammarco. — Francisco L. Martin and Raul Medina; 129(5), 237-9 (2003).

Melby, Jeffrey A.
Performance of Coastal Structures against Sequences of Hurricanes. — Nobuhisa Kobayashi, Beatriz Pozueta, and Jeffrey A. Melby; 129(5), 219-28 (2003).

Monaghan, J. J.
Fluid Motion Generated by Impact. —J. J. Monaghan, A. Kos, and N. Issa; 129(6), 250-9 (2003).

Moreno, J.
Portable Meter System for Dry Weight Control in Dredging Hoppers. —Juan J. Muñoz-Perez, José M. Gutiérrez-Mas, J. Moreno, L. Español, L. Moreno, and A. Bernabeu; 129(2), 79-85 (2003).

Moreno, L.
Portable Meter System for Dry Weight Control in Dredging Hoppers. —Juan J. Muñoz-Perez, José M. Gutiérrez-Mas, J. Moreno, L. Español, L. Moreno, and A. Bernabeu; 129(2), 79-85 (2003).

Mori, Nobuhito
Statistical Modeling of Overtopping for Extreme Waves on Fixed Deck. —Nobuhito Mori and Daniel T. Cox; 129(4), 165-73 (2003).

Morris, P. H.
Compressibility and Permeability Correlations for Fine-Grained Dredged Materials. —P. H. Morris; 129(4), 188-91 (2003).

Muñoz-Perez, Juan J.
Portable Meter System for Dry Weight Control in Dredging Hoppers. —Juan J. Muñoz-Perez, José M. Gutiérrez-Mas, J. Moreno, L. Español, L. Moreno, and A. Bernabeu; 129(2), 79-85 (2003).

Murray, Joseph F.
Trends in United States Tidal Datum Statistics and Tide Range. —Reinhard E. Flick, Joseph F. Murray, and Lesley C. Ewing; 129(4), 155-64 (2003).

Nordstrom, Karl F.
Longshore Sediment Transport Rates on a Microtidal Estuarine Beach. —Karl F. Nordstrom, Nancy L. Jackson, James R. Allen, and Douglas J. Sherman; 129(1), 1-4 (2003).

Overton, Margery F.
Vulnerability Indicators for Coastal Dunes. —Elizabeth K. Judge, Margery F. Overton, and John S. Fisher; 129(6), 270-8 (2003).

Pachakis, Dimitris
Ship Traffic Modeling Methodology for Ports. — Dimitris Pachakis and Anne S. Kiremidjian; 129(5), 193-202 (2003).

Pozueta, Beatriz
Performance of Coastal Structures against Sequences of Hurricanes. — Nobuhisa Kobayashi, Beatriz Pozueta, and Jeffrey A. Melby; 129(5), 219-28 (2003).

Pulsipher , Allan G.
Decommissioning Cost Functions in the Gulf of Mexico. — Mark J. Kaiser, Allan G. Pulsipher , and Robert C. Byrd; 129(6), 286-96 (2003).

Raichlen, Fredric
Energy Balance Model for Breaking Solitary Wave Runup. — Ying Li and Fredric Raichlen; 129(2), 47-59 (2003).

Randall, Robert E.
Submerged Ordnance and Unrestrained Cylinder Movement in Coastal Zone. — Gregory L. Williams and Robert E. Randall; 129(3), 136-45 (2003).

Sammarco, Paolo
Closure to "Treatment of Wave Breaking and Total Absorption in a Mild-Slope Equation FEM Model" by Gian Mario Beltrami, Giorgio Bellotti, Paolo De Girolamo, and Paolo Sammarco. — Gian Mario Beltrami, Giorgio Bellotti, Paolo De Girolamo, and Paolo Sammarco; 129(5), 239-40 (2003).

Sankaranarayanan, S.
Three-Dimensional Modeling of Tidal Circulation in Bay of Fundy. — S. Sankaranarayanan and Deborah French McCay; 129(3), 114-23 (2003).

Sgouridis, Sgouris P.
Simulation Analysis for Midterm Yard Planning in Container Terminal. — Sgouris P. Sgouridis, Dimitrios Makris, and Demos C. Angelides; 129(4), 178-87 (2003).

Sherman, Douglas J.
Longshore Sediment Transport Rates on a Microtidal Estuarine Beach. — Karl F. Nordstrom, Nancy L. Jackson, James R. Allen, and Douglas J. Sherman; 129(1), 1-4 (2003).

Shi, Fengyan
Wave Simulations in Ponce de Leon Inlet Using Boussinesq Model. — Fengyan Shi, James T. Kirby, Robert A. Dalrymple, and Qin Chen; 129(3), 124-35 (2003).

Smith, Ernest R.
Beach-Profile Evolution under Spilling and Plunging Breakers. — Ping Wang, Bruce A. Ebersole, and Ernest R. Smith; 129(1), 41-6 (2003).

Stockstill, Richard L.
Mooring Model Coefficients for Barge Tows in a Navigation Lock. — Richard L. Stockstill; 129(5), 233-6 (2003).

Subbarao, B. V. V.
Hydrodynamic Performance Characteristics of Quadrant Front-Face Pile-Supported Breakwater. — V. Sundar and B. V. V. Subbarao; 129(1), 22-33 (2003).

Sulisz, Wojciech
Numerical Modeling of Wave Absorbers for Physical Wave Tanks. — Wojciech Sulisz; 129(1), 5-14 (2003).

Sundar, V.
Hydrodynamic Performance Characteristics of Quadrant Front-Face Pile-Supported Breakwater. — V. Sundar and B. V. V. Subbarao; 129(1), 22-33 (2003).

Tabet-Aoul, El-Hafid
Tentative New Formula for Maximum Horizontal Wave Forces Acting on Perforated Caisson. — El-Hafid Tabet-Aoul and Eloi Lambert; 129(1), 34-40 (2003).
Errata for "Tentative New Formula for Maximum Horizontal Wave Forces Acting on Perforated Caisson" by El-Hafid Tabet-Aoul and Eloi Lambert. — El-Hafid Tabet-Aoul and Eloi Lambert; 129(2), 100-1 (2003).

Tomasicchio, Giuseppe R.
Armor Stone Abrasion due to Displacements in Sea Storms. — Giuseppe R. Tomasicchio, Alberto Lamberti, and Renata Archetti; 129(5), 229-32 (2003).

van der Lem, J. C.
Behavior of a Moored LNG Ship in Swell Waves. — W. van der Molen, H. Ligteringen, J. C. van der Lem, and J. C. M. de Waal; 129(1), 15-21 (2003).

van der Molen, W.
Behavior of a Moored LNG Ship in Swell Waves. — W. van der Molen, H. Ligteringen, J. C. van der Lem, and J. C. M. de Waal; 129(1), 15-21 (2003).

Vlasblom, W. J.
Experimental and Numerical Investigation of Cutter Head Dredging Flows. — M. A. Dekker, N. P. Kruyt, M. den Burger, and W. J. Vlasblom; 129(5), 203-9 (2003).

Wai, Onyx W. H.
Numerical Model for Wave Refraction-Diffraction near Pearl River Estuary, China. — Y. Chen, Onyx W. H. Wai, and Y. S. Li; 129(6), 260-9 (2003).

Walker, Sharon A.
Comparison of Laboratory and Theoretical Internal Solitary Wave Kinematics. — Sharon A. Walker, Alastair J. Martin, William J. Easson, and W. Alan B. Evans; 129(5), 210-8 (2003).

Walton, Raymond
Review of *River Mechanics* by Pierre Y. Julien. — Raymond Walton and David T. Williams; 129(5), 241-2 (2003).

Wang, Chi-Fang
Modeling of Flow Resistance in Mangrove Swamp at Mouth of Tidal Keelung River, Taiwan. — Wen-Cheng Liu, Ming-Hsi Hsu, and Chi-Fang Wang; 129(2), 86-92 (2003).

Wang, Ping
Beach-Profile Evolution under Spilling and Plunging Breakers. — Ping Wang, Bruce A. Ebersole, and Ernest R. Smith; 129(1), 41-6 (2003).

Wei, Yong
Inverse Algorithm for Tsunami Forecasts. — Yong Wei, Kwok Fai Cheung, George D. Curtis, and Charles S. McCreery; 129(2), 60-9 (2003).

Williams, David T.
Review of *River Mechanics* by Pierre Y. Julien. — Raymond Walton and David T. Williams; 129(5), 241-2 (2003).

Williams, Gregory L.
Submerged Ordnance and Unrestrained Cylinder Movement in Coastal Zone. — Gregory L. Williams and Robert E. Randall; 129(3), 136-45 (2003).

Williams, Trefor P.
Modeling Dredging Project Cost Variations. — Trefor P. Williams; 129(6), 279-85 (2003).

Yuhi, Masatoshi
Closure to "Simplified Solutions for Wave-Induced Response of Anisotropic Seabed" by Masatoshi Yuhi and Hajime Ishida. — Masatoshi Yuhi and Hajime Ishida; 129(3), 152-3 (2003).